

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	74835	plasma near3 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:10
S2	2013	345/60.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:10
S3	17416	"driving pulse"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11
S4	55114	ACL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11
S5	32232	driving near2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11
S6	31	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11
S7	91687	NAND	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11
S8	541979	"OR"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:11

## EAST Search History

S9	36863	"OR" near1 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:12
S10	527566	latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:12
S11	126257	shift near1 register	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:12
S12	40434	chang\$3 near4 signal near2 level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:13
S13	6554	level near1 shift near1 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:53
S14	1937	drive near1 control near1 part	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:24
S15	22900	electrode near2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:24
S16	9285	address near2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:25

## EAST Search History

S17	61461	output near2 driving	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:25
S18	156547	semiconductor near2 integrated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:27
S19	34646	second near2 latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:27
S20	53517	push\$pull	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:27
S21	9397	transistor near5 serially	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:28
S22	6793	level near2 shift near1 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:28
S23	36839	pull\$down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:29
S24	11260	address near2 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:29

## EAST Search History

S27	53517	push\$pull	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:24
S29	1	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:12
S30	13	S2 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:31
S31	21	S2 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:14
S32	904	S2 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:32
S33	621	S2 and S15 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:33
S34	26	S33 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:32
S35	1317	S27 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:32

## EAST Search History

S36	5	S27 and S23 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:33
S37	3	S27 and S23 and S2 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:33
S38	1	S27 and S23 and S2 and S10 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:33
S39	8	S2 and S15 and S24 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:24
S40	1	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:14
S41	120	S11 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:34
S42	14	S11 and S2 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:35
S43	357137	power near1 consumption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:35

## EAST Search History

S45	555	S2 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:36
S46	11	S2 and S43 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:30
S47	3061	345/100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:31
S48	1707	345/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:32
S49	154	S48 and latch and "shift register" and (second near2 latch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:34
S50	4	S48 and latch and "shift register" and (second near2 latch) and (driving near1 pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:42
S51	19	S48 and latch and "shift register" and (driving near3 pulse) and (driving near3 output) and (power near1 consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:47
S53	571	unnecessary near1 driving	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:09

## EAST Search History

S54	5	unnecessary near1 driving and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 12:48
S55	4	("5877737"   "5945970"   "6020873").PN. OR ("6414670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 12:53
S56	1	(unnecessary near1 driving) and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:10
S57	1276	315/169.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:24
S58	23	315/169.4.ccls. and NAND	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:27
S59	8580	(exclusive near1 "or") AND nand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:29
S60	4	S59 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:43
S61	4	S59 and S2 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:43
S62	0	S59 and S2 and lcd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:11

## EAST Search History

S63	31861	((first and second) near3 latch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:15
S64	205	push\$pull and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:24
S65	1	push\$pull and S13 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 15:00
S66	3	push\$pull and S13 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:27
S67	2650	driving near1 pulse near1 genera\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:27
S68	4	driving near1 pulse near1 genera\$4 and 345/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:45
S69	2	("20040090400").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 15:45
S70	4	("5877737"   "5945970"   "6020873").PN. OR ("6414670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 10:05
S71	4	("4426661"   "5719594"   "5736971").PN. OR ("6020873"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 10:10



## EAST Search History

S72	71	plasma and (unnecessary near3 driving)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 11:10
S73	1	"20040212561"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 11:21
S74	2	("5945970").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:22
S75	232	(high and low) and 345/6\$.ccls. and driving and "power consumption" and latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:39
S77	98	(high and low) and 345/6\$.ccls. and driving and "power consumption" and latch and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:39
S78	69	(high and low) and 345/6\$.ccls. and driving and "power consumption" and latch and logic and "shift register"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:42
S79	1	(high and low) and 345/6\$.ccls. and driving and "power consumption" and latch and logic and (unnecessary near pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:42
S80	1	345/6\$.ccls. and driving and "power consumption" and latch and logic and (unnecessary near pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:42
S81	1	345/6\$.ccls. and driving and "power consumption" and latch and (unnecessary near pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:43

## EAST Search History

S82	1	345/6\$.ccls. and driving and latch and (unnecessary near pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:43
S83	8	345/6\$.ccls. and (unnecessary near pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:47
S84	35	345/6\$.ccls. and ((unnecessary or wasteful or blank or holding) near1 pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:50
S85	2	("6760005").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:51
S86	11	("5559526"   "5953003"   "6111557"   "6278131"   "6344843"   "6580411"   "6593592"   "6597349").PN. OR ("6760005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 11:52
S87	16	("6087276"   "6166725"   "6302504").PN. OR ("6580411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 11:58
S88	953	(pulse near2 generat\$4) and (shift near2 register) and ((first and second) near2 latch)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 12:00
S89	103	(pulse near2 generat\$4) and (shift near2 register) and ((first and second) near2 latch) and (level near1 shift)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 12:00
S90	14	(pulse near2 generat\$4) and (shift near2 register) and ((first and second) near2 latch) and (level near1 shift) and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 12:02
S91	4	((("20020024489") or ("20030030614"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 12:03
S92	1	("2002/0024489").URPN.	USPAT	OR	ON	2007/06/01 12:05

## EAST Search History

S93	711	push\$pull and (level near1 shift)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 15:01
S94	45	push\$pull and (level near1 shift) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 15:04
S95	30	push\$pull and (level near1 shift) and plasma and "power consumption"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 15:24
S96	0	("67003863").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:25
S97	3	("6703863").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:25
S98	8	("5559526"   "5953003"   "6111557"   "6278131"   "6344843"   "6580411"   "6593592"   "6597349").PN. OR ("7187356"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 15:39
S99	1	"20020024489"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 10:54
S10 0	25	driver and "345"/\$6.ccls. and push\$pull and (level near1 shift)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 10:55
S10 1	11	driver and "345"/\$6.ccls. and push\$pull and (level near1 shift) and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 12:22
S10 2	2	("20020024489").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/04 13:57

## EAST Search History

S10 3	2	("6335721").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/04 13:57
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